
Waste Management Annual Report to the Woodlands Township

2015

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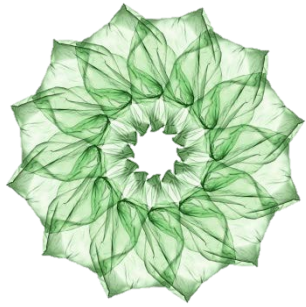
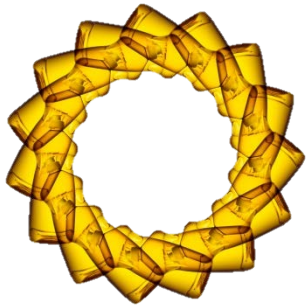


Table of Contents

Recycle Often. Recycle Right. SM	3
Collection Services	4
Going Green In The Woodlands Township	5
Reduce, Reuse, Recycle	6
A Shrinking Carbon Footprint	7
City Facilities	8
Waste Management In The Community	9
Education Funds	11
WM Staff Contact Information	12
Conclusion	13

Recycle Often. Recycle Right.SM

At Waste Management, we know how confusing recycling can be sometimes. The materials used in products on the shelf today are changing at a rapid rate, and this can create many questions about what is recyclable and what goes to the landfill.

WM is currently working with our municipal and community partners to educate our customers and get back to the basics of good recycling with a new program called **Recycle Often. Recycle RightSM**. When our customers follow the simple guidelines of **Recycle Often. Recycle RightSM**, recycling makes a big impact. Manufacturers will soon get the materials they need to make new products and you'll soon see how recycling the right materials really does make a big difference.



"We have a great social opportunity... We are the first generation that can actually pass the planet to the next generation in a better condition than we found it."

- Jim Halter

Recycle Often. Recycle RightSM makes recycling simple, easily complementing a curbside recycling program like the one the City of Texarkana has. WM has created many materials for **Recycle Often. Recycle RightSM**

WM wants to make it easy for you to engage residents! We have created everything we can think you would need and make sure our materials are useful, but we are always open to suggestions about what would make this easy for your city.



Collection Services

Waste Management has been providing trash and recycling services to residents of The Woodlands Township for over a decade. Over the last several years, Waste Management has also been a proud community partner, working with the Township towards its sustainability goals. The chart below tracks the tons of recycling, brush, and waste material collected in The Woodlands Township and its progress towards a more sustainable community.

WM currently provides residents with the following:

- 1x week trash pickup - 96-gal green lid cart
- 1x week recycling pickup - 96-gal yellow lid cart
- 1x week brush/bulky collection

In the Woodlands Township, WM currently services:

- 34,359 Households
- 9 Fire Stations & 1 Emergency Training Facilities
- 8 City Facilities
- 26 Apartment Complexes

Trash Materials Collected (in Tons)														
Service	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
Residential	2,714	2,161	2,658	2,958	2,752	3,047	2,726	2,567	2,584	2,530	2,737	3,278	32,712	2,726
Recycling Materials Collected (in Tons)														
Service	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
Residential	1,197	959	1,072	1,186	1,150	1,221	1,196	1,101	1,096	1,118	1,118	1,301	13,715	1,143
Recycling Drop Off Ctr	9	17	15	13	4	27	13	17	16	13	11	13	169	14
Yard Waste*	183	155	160	197	127	112	120	106	95	131	106	97	1,590	133
TOTAL	1,389	1,131	1,248	1,397	1,281	1,360	1,329	1,225	1,206	1,262	1,235	1,412	15,475	1,290
<i>*Residential and Commercial Yard Waste added together</i>														
Total Materials Collected (in Tons)														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
TOTAL	4,103	3,292	3,906	4,355	4,033	4,407	4,055	3,792	3,790	3,792	3,972	4,690	48,187	4,016
2014 Diversion Rate														
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
Diversion Rate	34%	34%	32%	32%	32%	31%	33%	32%	32%	33%	31%	30%	32%	32%

Going Green in the Woodlands Township

Tons of Resources Diverted from the Landfill *														
Material	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
Mixed Paper	694	556	622	688	667	708	694	639	636	649	648	755	7,955	663
Mixed Plastic	12	10	11	12	12	12	12	11	11	11	11	13	137	11
Mixed Glass	347	278	311	344	334	354	347	319	318	324	324	377	3,977	331
Aluminum	120	96	107	119	115	122	120	110	110	112	112	130	1,371	114
Steel/Tin	24	19	21	24	23	24	24	22	22	22	22	26	274	23
Total	1,197	959	1,072	1,186	1,150	1,221	1,196	1,101	1,096	1,118	1,118	1,301	13,715	1,143
Residential Compost	183	155	160	197	127	112	120	106	95	131	106	97	1,590	133
Grand Total	1,380	1,114	1,232	1,384	1,277	1,333	1,316	1,207	1,190	1,249	2,224	1,399	15,305	1,275
*Based on data Materials Recovery Facility averages with residue														

The Woodlands Township diverted **15,305 tons** from the landfill in 2015, which is equivalent to **42,519 metric tons of carbon dioxide (CO₂) equivalent**, or...



conserving **4,784,404** gallons of gasoline



removing the annual emissions from **8,951** cars off the road



conserving **1,771,625** propane cylinders for home BBQs



Reduce, Reuse, Recycle

Residential Recycling Collected from 2013 to 2015 (in Tons)														
	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>	<u>AVG</u>
2013	1,123	904	950	963	1,109	820	865	896	774	828	897	1,018	11,147	929
2014	1,057	863	932	1,042	1,103	1,001	1,049	1,005	1,048	1,044	980	1,224	12,348	1,029
2015	1,197	959	1,072	1,186	1,150	1,221	1,196	1,101	1,096	1,118	1,118	1,301	13,715	1,143
Total	3,377	2,726	2,954	3,191	3,362	3,042	3,110	3,002	2,918	2,990	2,995	3,543	37,210	3,101

Since 2013, Woodlands' residents have continued to recycle more and more!
How much more? Residents recycled **37,210 tons of materials**, equivalent to conserving the CO₂ emissions from...



conserving **10,694,610** gallons of gasoline

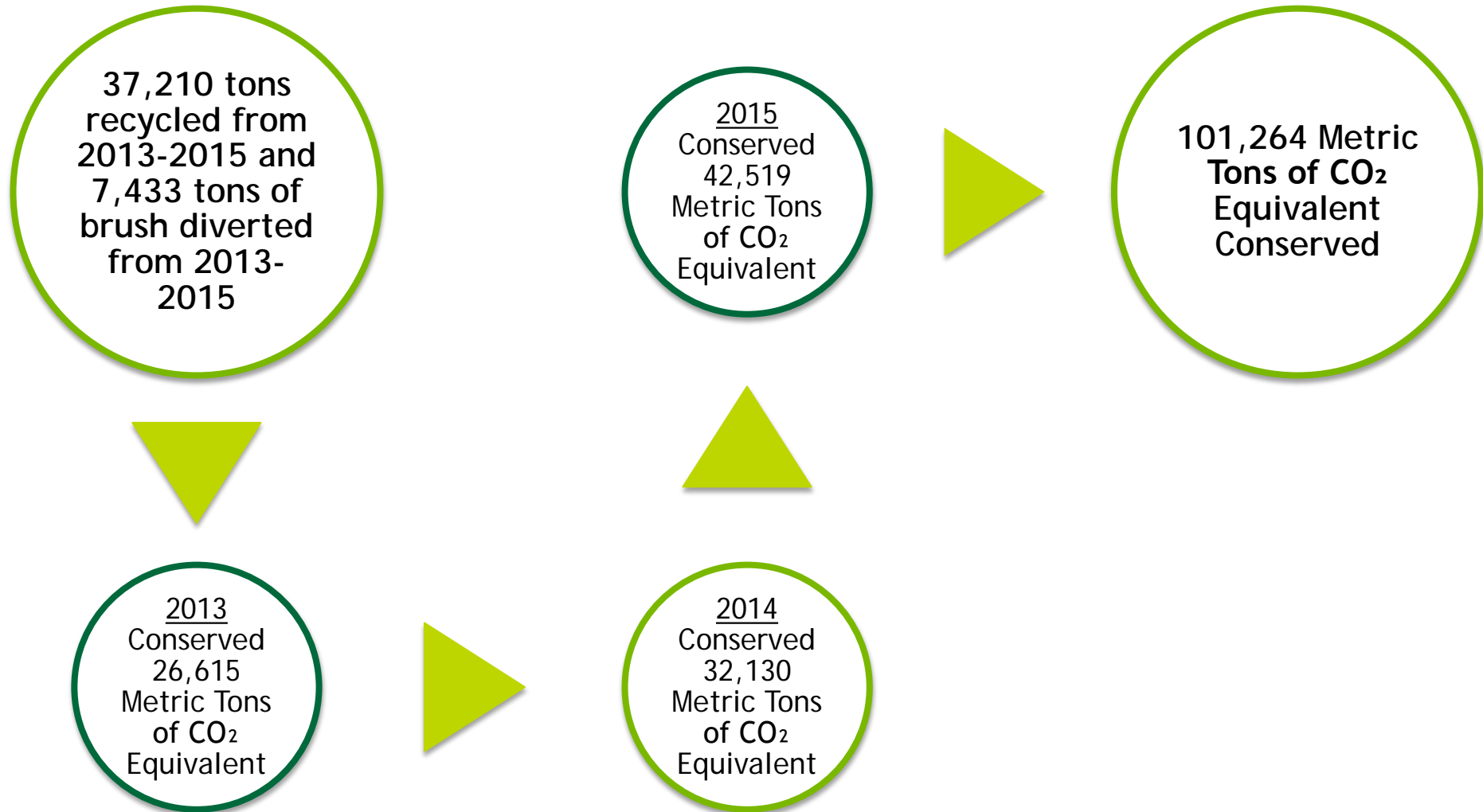


conserving **3,960,125** propane cylinders for home BBQs



removing **20,009** cars off the road

A Shrinking Carbon Footprint



City Facilities

Waste Management provides extra value to The Woodlands Township by providing services to the following Town Facilities. Dumpsters are serviced at no cost. Roll offs are serviced at a flat rate, with no fees.

Commercial Services	Address	Service Type	# of Cans	Size	Days
Woodlands Fire Station	9951 Grogans Mill Rd	Refuse	1	8	1
Woodlands Fire Dept. No 3	1522 Sawdust Rd	Refuse	3	Cart	1
Woodlands Fire Dept. No 4	7900 Bay Branch	Refuse	1	4	1
Woodlands Fire Dept. No 5	10100 Branch Crossing Dr	Refuse	1	6	1
Woodlands Fire Dept. No 6	1100 Windsor Lakes Dr	Refuse	1	6	1
Woodlands Fire Dept. No 7	7553 Creekside Green A	Refuse	2	Cart	1
Woodlands Fire Dept. No 8	11800 Gosling Dr	Refuse	1	8	1
Woodlands Fire Dept. No 9	26722 Kurkendahl	Refuse	1	8	1
Woodlands Emergency Training	16135 I-45 North	Refuse	1	8	1
Woodlands Township Recreation Center	5310 Research Forest Dr	Refuse	1	cart	1
Woodlands Township Recreation Center	5310 Research Forest Dr	Refuse	1	8	1
Woodlands Township-Parks & Rec Center	8203 Millennium Forest Dr	Refuse	4	8	2
Woodlands Township- Town Hall	2801 Technology Forest Blvd	Refuse	1	8	1
Woodlands Township- Town Hall	2801 Technology Forest Blvd	Recycling	1	8	1
Woodlands Township Recycling Center	9450 Grogans Mill Rd	Refuse	2	6	On Call
Rob Fleming Park	6535 Creekside Forest Dr	Refuse	1	8	2
Rob Fleming Park	6535 Creekside Forest Dr	Recycling	1	8	1

The Woodlands Township **saved \$26,912** on collection and disposal fees at city facilities in 2015



Waste Management in the Community

Waste Management takes pride in being an active participant in The Woodlands Township community. We strive to collaborate with the communities in which we service to support total sustainability - environmental, social, and economic. Over the last year, Waste Management supported different community organizations and events, the details of which are below. Below and on the next few pages is a glance at what we've achieved together.



February

- WM brought a truck to The Woodlands Township Touch-a-Truck



March

- As a sponsor, WM brought Recycle Often. Recycle Right.SM to The Woodlands Township GREENUP event
- WM sponsored the spring Community Wide Flea Market



April

- WM sponsored the Waterway Art Festival



May

- WM sponsored Ironman 2015

Waste Management in the Community

10



July

- WM sponsored The Woodlands Red, Hot, & Blue Festival



September

- WM sponsored the Dragon Boat Races



October

- WM provided Roll Off for the Community Wide Flea Market
- WM sponsored the Trick or Treat Trail



November

- WM sponsored the Lighting of the Doves, Run through the Woods, and International Winter on the Waterway Ice Rink



December

- WM continued sponsorship of the IWOW Ice Rink

Education Funds

Waste Management provides more than just waste and recycling services to The Woodlands Township. We also invest in the Woodlands community and the education of its residents. In addition to providing education funds to the Township, Waste Management is excited to introduce its Recycle Often. Recycle Right.SM program to The Woodlands residents. The program makes recycling simple and rewarding.

The education funds assist the Environmental Services Department in promoting and enhancing its programs, piloting new programs or studies, sponsoring the department's events and to respond to emerging environmental issues.

All of these events and programs help make The Woodlands a better place to live by increasing community involvement and environmental stewardship. The Woodlands continues to give its residents outstanding education and leadership on the latest environmental & recycling issues.

Funds provided support for events, mailers, and materials, some of which are listed above..

Earth Day GreenUP litter abatement educational mailers

Woodlands Landscaping Solutions & water conservation educational mailers

3R Bazaar for America Recycle Days education mailers

Newspaper & magazine ads for environmental events

Edutainer Jack Golden at 10 elementary school Water Conservation assemblies & WaterFest

Vocal Trash Earth Day Concert in the Park

In 2016, Waste Management will provide **\$47,786.55** in Education Funds to The Woodlands Township



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Conclusion

The importance of reaching out to customers for feedback is invaluable to our success - it's the only way we can be successful in our relentless pursuit of continuous improvement. If you have any questions regarding the information in the 2015 annual report, or have suggestions about how service can be improved as a part of the WM effort to be a valued partner in your community, please let us know. Your feedback is essential to our commitment to excellence.

WM is pleased to help move the Woodlands Township forward on its sustainability goals. We are also proud to collaborate with your community, providing more than just the services outlined in our contract. We hope that this report demonstrates the direction that The Woodlands Township is going, and WM is excited to offer the services to help you get there. We value your business and your partnership and we look forward to another year of continuing to earn it.

